



TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

		Application Number	10/694,919
		Filing Date	October 27, 2003
		First Named Inventor	Yean-Yow Hwang
		Art Unit	2186
		Examiner Name	
Total Number of Pages In This Submission	4	Attorney Docket Number	015114-066600US

ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input checked="" type="checkbox"/> PTO/SB/81 Power of Attorney (1pg) <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) <small>(please identify below):</small> PTO/SB/97 Certificate of Transmission (1pg) this PTO/SB/21 Transmittal Form (1pg) PTO/SB/96 Statement under 37 CFR 3.73(b) (1pg)
		<div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;"> Remarks </div> <div style="border: 1px solid black; padding: 2px; height: 40px;"> The Commissioner is authorized to charge any additional fees to Deposit Account 20-1430. </div>

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual	Townsend and Townsend and Crew LLP Steven Cahill	Reg. No. 44,578
Signature		
Date	July 22, 2004	

CERTIFICATE OF TRANSMISSION

I hereby certify that this correspondence is being facsimile transmitted to the Patent and Trademark Office, Fax No. (703) 748-4060 on July 22, 2004

Typed or printed name	DJ Bogorodsky	
Signature		
	Date	July 22, 2004

60266938 v1



Please type a plus sign (+) Inside this box →

PTO/SB/81 (08-03)
Approved for use through 11/30/2005. OMB 0651-0035
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

POWER OF ATTORNEY OR AUTHORIZATION OF AGENT	
Application Number	10/694,919
Filing Date	October 27, 2003
First Named Inventor	Yean-Yow Hwang
Title	Techniques for Mapping Functions to Lookup Tables on Programmable Circuits
Group Art Unit	2186
Examiner Name	
Attorney Docket Number	15114-066600US

I hereby appoint:

Practitioners at Customer Number
OR

26059

Practitioner(s) named below:

Name	Registration Number

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please change the correspondence address for the above-identified application to:

The above-mentioned Customer Number.
OR

<input type="checkbox"/> Firm or Individual Name			
Address			
Address			
City	State	ZIP	
Country			
Telephone	Fax		

I am the:

Applicant/Inventor.
 Assignee of record of the entire interest. See 37 CFR 3.71.
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).

SIGNATURE of Applicant or Assignee of Record

Name	Derek E. Minihane, Esq. Director, Intellectual Property Law and Assistant Secretary
Signature	
Date	10/17/03

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.

Burden Hour Statement: This form is estimated to take 3 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

60058021 v1

PTO/SB/06 (08-03)
Approved for use through 07/31/2008. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid CMB control number.
Attorney Docket No. 015114-066600US
Client Ref. A1052



STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: Yean-Yow Hwang et al.

Application No./Patent No.: 10/694,919 Filed/Issue Date: October 27, 2003

Entitled: Techniques for Mapping Functions to Lookup Tables on Programmable Circuits

Altera Corporation a Corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

- the assignee of the entire right, title, and interest; or
- an assignee of an undivided part interest

In the patent application/patent identified above by virtue of either:

A. An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the Patent and Trademark Office at Reel 014118 Frame 0127, or for which a copy thereof is attached.

OR

B. A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

2. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

3. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

Additional documents in the chain of title are listed on a supplemental sheet.

Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.8.]

The undersigned (whose title is supplied below) is empowered to sign this statement on behalf of the assignee.

10/17/03
Date

Signature

Derek E. Minihane

Typed or printed name

Director, Intellectual Property Law
and Assistant Secretary

Title

Burden Hour Statement This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231. 6005A009 v1

**Certificate of Transmission under 37 CFR 1.8**

I hereby certify that this correspondence is being facsimile transmitted
to the Patent and Trademark Office

on July 22, 2004
date


Signature

DJ Bogorodsky

Typed or printed name of person signing Certificate

In re: application of: Yean-Yow Hwang et al.

Application Number: 10/694,919

Filed: October 27, 2003

Confirmation Number: 5082

Title: TECHNIQUES FOR MAPPING FUNCTIONS TO LOOKUP TABLES ON PROGRAMMABLE CIRCUITS

Atty Docket Number: 015114-066600US SJC/djb

Being faxed to the OIPE at facsimile number 1-703-746-4060 are the following documents:

this PTO/SB/97 Certificate of Transmission (1 page);

PTO/SB/21 Transmittal Form (1 page);

PTO/SB/81 Power of Attorney (1 page); and

PTO/SB/96 Statement under 37 CFR 3.73(b) (1 page)

Number of pages being transmitted, including this page: 4

60266949 v1

Townsend and Townsend and Crew LLP
Telephone - 650-326-2400
Facsimile - 650-326-2422

fax ref. # 17310